

WHAT IS CLAIMED IS:

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1. An optical module comprising:
a ferrule having a slope end surface and
supporting an optical fiber penetrated therethrough;
a photodetector attached to the slope end
10 surface and optically coupled directly with the
optical fiber;
a module substrate supporting the ferrule;
and
a resin package covering the ferrule so
15 that an end of the ferrule protrudes from the resin
package.

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2. The optical module as claimed in claim
1, further comprising a supporting base mounted on
the module substrate, the supporting base supporting
the ferrule.

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3. The optical module as claimed in claim
30 1, further comprising electronic parts mounted on
the module substrate.

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4. The optical module as claimed in claim
1, wherein the resin package comprises engagement

protrusions that are to be engaged with an optical connector.

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5. The optical module as claimed in claim 1, wherein:

the resin package comprises engagement
10 protrusions which are to be engaged with an optical
connector; and

the engagement protrusions extend along
side surfaces of the resin package.